MSI New Feature 2001

Fuzzy Logic™ 3

Auto-Optimize Your CPU!

New Overclocking Tech.

- Intelligent detection and reboot when system hang by overclocking
- System would reboot automatically without usersí pushing RESTART button.

Auto or Manual

Auto
- Optimized CPU settings to utilize better performance
- Stability testing is conducted by software

Manual
- Users can manually fine-tune preferred F.S.B. settings
- Optimized F.S.B. setting is saved manually
- Real-time overclocking

Easy Control
- Just press Auto key to enable overclocking
- GUI assists users to be familiar with Fuzzy Logic™ 3 quickly
- Not only beginners but also power users enjoy the feature

Friendly Interface
- Animation chart helps users know CPU status easily
- Real-Time system clock indicator tells operating frequency of related peripherals
- The panel screen tells more information about Fuzzy Logic™ 3 operation status and

CPU specifications
- Luxurious and user-friendly control panel

AI(Artificial Intelligence) Conduct
- Auto-Overclocking CPU with the brand new AI concept
- CPU supervisor prevents system failure from an overheated CPU
- More pretest procedures are conducted to utilize system stability within a shorter period of time
- Optimized CPU setting is detected and saved automatically

Live BIOS™

Auto-Updated Your BIOS!

Mainboard BIOS is online detected and auto-updated
All procedures will be executed in one shot
Windows® environment is supported
Windows® 95/98/2000/NT 4.0
Microsoft® IE 4.0 and later version is needed
Download it from MSI™ Page

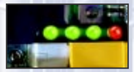
Understand Your System

Smart D-LED™

The newest super value tool,developed by MSI™, is now in voice mode. Besides the traditional combination of 4 LED lights to represent 16 different troubleshooting functions during boot up,Smart D-LED™ literally helps to the identify the cause of any possible failure.

Diagnostic LEDs

- Provides 4 LEDs embedded in mainboards Provides up to 16 combinations of signals to debug system Debugs all problems that fail system VGA / RAM / Other failures



Graphic Signal Display

	1	2	3	4
System Power ON.	●	●	●	●
Early Chipset Initialization	●	●	●	○
Memory Detection Test	●	●	○	●
Decompressing BIOS Image to RAM	●	●	○	○
Initializing Keyboard Controller	●	○	●	●
Test Shadow RAM	●	○	●	○
Processor Initialization	●	○	○	●
Testing RTC(Real Time Clock)	●	○	○	○
Initializing Video Interface	○	●	●	●
BIOS Sign On	○	●	●	○
Testing Base and Extended Memory	○	●	○	●
Assign Resource to all ISA	○	●	○	○
Initializing Hard Drive Controller	○	○	●	●
Initializing Floppy Drive Controller	○	○	●	○
Assign IRQs to PCI Devices	○	○	○	●
Operating System Booting	○	○	○	○

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The Integrated Solution from MSI

1st Quarter, 2001

Intel® Chipset Based Solution

MSI Link to the Future

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